REMARKS/ARGUMENTS

In the DETAILED ACTION at Claim Rejections - 35 USC 102, claims 1-2, 4, 6, 10-13, 14-15, 17, and 19-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Caldarale et al., 5,659,794 (hereinafter "Caldarale").

Caldarale discloses a network input/output system for sending and receiving messages between a. large scale computer system and associated communications networks. Caldarale describes a main storage capable of establishing communication between application servers and application users wherein the main storage is only accessible by means of a single Operating System environment (Application Server). Caldarale describes the ability to control multiple I/O devices through the same interface. Caldarale discloses multiple Network Interface Controllers (NIC) in a single Application Server see Col. 7, line 35+).

There is no teaching or suggestion in Caldarale that queues may be assigned to a number of application servers, or that additional queues may be set up without disrupting running programs.

Thus, the claim 1 recitation "said main storage containing a plurality of queues each assigned to a predetermined portion of said plurality of application servers, wherein said predetermined portion includes multiple application servers, each of said plurality of queues for retrieval of incoming data from and storage of outgoing data to any of its assigned predetermined portion of said plurality of application servers" is not taught or suggested by Caldarale.

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Moreover, for the same reasons, the claim 14 recitation "a plurality of queues in said main storage each for access by an assigned one of several separate predetermined subsets of said plurality of application servers, wherein each subset contains multiple ones of said plurality of application servers" also is not taught or suggested by Caldarale.

Independent claims 1 and 14 make clear that the claimed apparatus establishes simultaneous processing communication with more than one application server, enabled by the claimed multiple queues assigned to several application servers. An interrogator is claimed for examining multiple queues to transfer appropriate requests, responses and data between multiple application servers and an application user, thus having the ability to manage several queues from multiple different application servers simultaneously, not just a single application server, one at a time, as in Caldarale. This functionality is fully explained at page 16, lines 11-21 of the specification.

Caldarale discloses an apparatus for providing data transfer between main storage and only one application server at one time. Claims 1 and 14 claim transferring data between multiple application servers wherein an interrogator examines multiple queues to transfer appropriate requests, responses and data between applications servers and application user(s) simultaneously.

Therefore, claims 1 and 14 are allowable over the prior art, and all claims depending therefrom. It is respectfully submitted that the remaining claims are allowable under 35 U.S.C. 103(a) over Caldarale in view of Carbillet, Brandt, Casper, or Leger.

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It is respectfully submitted that the application is now in
condition for allowance, which allowance is respectfully
requested.

RESPECTFULLY SUBMITTED

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